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For: Method for Accurate and Secure Voting

- 1        1. A method for secure, electronic, distributed voting using existing automated teller  
2        machines (ATMs), comprising:
  - 3                issuing each voter a voter identification that can be input into an ATM;
  - 4                enabling the ATMs to receive the voter identifications;
  - 5                in response to the receipt of a voter identification, displaying at the ATM information  
6        relating to the vote to be cast;
    - 7                allowing the user to cast votes using one or more ATM functions;
    - 8                identifying a particular ATM function as an indication of finalization of the vote; and  
9                in response, automatically tallying the finalized vote.
  - 1        2. The secure, electronic, distributed voting method of claim 1, wherein the voter  
2        identification comprises an access card and a personal identification number (PIN).
  - 3        3. The secure, electronic, distributed voting method of claim 1, wherein the voter  
4        identification encodes at least the voter's voting district.
  - 1        4. The secure, electronic, distributed voting method of claim 3, wherein the voter  
2        identification also encodes the voter's name.
  - 1        5. The secure, electronic, distributed voting method of claim 4, wherein the voter  
2        identification also encodes the voter's address.
  - 1        6. The secure, electronic, distributed voting method of claim 5, wherein the voter  
2        identification also encodes the voter's party affiliation.
  - 1        7. The secure, electronic, distributed voting method of claim 1, wherein the information  
2        relating to the vote to be cast comprises candidate names.

1       8. The secure, electronic, distributed voting method of claim 1, wherein the information  
2       relating to the vote to be cast comprises issues to be voted upon.

1       9. The secure, electronic, distributed voting method of claim 1, wherein the ATM  
2       function indicating vote finalization is a push of the “accept” key.

1       10. The secure, electronic, distributed voting method of claim 1, further comprising  
2       displaying or printing voting selections before their finalization.

1       11. The secure, electronic, distributed voting method of claim 10, wherein voting  
2       selections are printed using the ATM receipt printer.

1       12. The secure, electronic, distributed voting method of claim 1, wherein allowing the  
2       user to cast votes using ATM functions includes providing user control over scrolling through  
3       ATM display screens.

1       13. The secure, electronic, distributed voting method of claim 1, further comprising  
2       disabling further use of the access card to access voting information, upon the tallying of the  
3       finalized vote.

1       14. The secure, electronic, distributed voting method of claim 1, further comprising  
2       establishing an account for each candidate, and wherein automatically tallying the finalized vote  
3       comprises depositing into the account each finalized vote for the candidate.

1       15. The secure, electronic, distributed voting method of claim 1, further comprising  
2       allowing the user to enter the name of a write-in candidate.

1       16. The secure, electronic, distributed voting method of claim 15, wherein allowing the  
2       user to enter the name of a write-in candidate comprises enabling use of ATM functions to enter  
3       letters of the alphabet.

1           17. A method for secure, electronic, distributed voting using existing automated teller  
2       machines (ATMs), comprising:  
3               issuing each voter a unique voter identification that can be input into an ATM,  
4       wherein the voter identification encodes at least the voter's name and voting district;  
5               enabling the ATMs to accept the voter identifications;  
6               in response to the receipt of a voter identification, displaying at the ATM information  
7       relating to the vote to be cast, wherein the information relating to the vote to be cast comprises at  
8       least candidate names;  
9               allowing the user to cast votes using one or more ATM functions;  
10          displaying or printing voting selections before their finalization;  
11          identifying a particular ATM function as an indication of finalization of the vote;  
12          in response, automatically tallying the finalized vote; and  
13          in response, disabling further use of the voter identification to access voting  
14       information.

1       18. A method for secure, electronic, distributed voting using existing automated teller  
2       machines (ATMs), comprising:

3               issuing each voter an access card that can be read by an ATM, and a personal  
4       identification number (PIN), wherein the access card encodes at least the voter's name and  
5       voting district;  
6               enabling the ATMs to read access cards and accept PINs;  
7               in response to the reading of an access card and appropriate PIN entry, displaying at  
8       the ATM information relating to the vote to be cast, wherein the information relating to the vote  
9       to be cast comprises at least candidate names;  
10              allowing the user to cast votes using one or more ATM functions;  
11              allowing the user to enter the name of a write-in candidate;  
12              establishing an account for each candidate;  
13              identifying a particular ATM function as an indication of finalization of the vote;  
14              automatically depositing into the account each finalized vote for the candidate; and  
15              in response, disabling further use of the access card to access voting information.